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Eric L Maldonado

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Attorney Docket No. NECA 20.522 (100806-00219)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor:

Takahiro TAKEMOTO

Serial No.:

10/625,091

Filed:

July 22, 2003

Title: Examiner: LIQUID-CRYSTAL...

Art Unit:

Richard A. Hjerpe

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2674

Con. No.:

8769

June 15, 2004

Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

SIR:

In order to comply with discretionary rules 37 CFR §§1.97 and 1.98, attached hereto is a copy of Form PTO-1449 and a copy of the documents listed thereon. This document contains information in which the Examiner may consider to be important in deciding whether to issue a patent in the instant application.

As this statement is being filed prior to issuance of a first Office Action, no fee is due.

The present Information Disclosure Statement is being submitted in compliance with 37 §CFR 1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated

that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104 (a), and in the course of such search will review for relevance every document cited on the attached form even if not initialed.

Early and favorable consideration is respectfully solicited.

Any fee due with this paper may be charged on Deposit Account 50-1290.

Respectfully submitted,

Michael I. Markowitz

Reg. No. 30,659

**CUSTOMER NO.: 026304** 

(Tel) 212-940-8800 (Fax) 212-940-8986

Docket No.: NECA 20.522(100806-00219)

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Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

U.S. Department of Commerce Patent and Trademark Office

: 10/625,091 Application No. : July 22, 2003 Filing Date

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

First Named Inventor: T. TAKEMOTO

Sheet 1 of 1

: 2674 Group Art Unit **Examiner Name** : R.A. HJERPE

Attorney Docket No.: NECA 20.522

U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document	Kind Code if known <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear		
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	FOREIGN DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document Office <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear			
		2001-249643	JP	ADVANCED DISPLAY INC	09/14/2001				
		2002-049361	JP	MATSUSHITA ELECTRIC IND CO LTD	02/15/2002				
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## **Other Prior Art-Non Patent Literature Documents**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attached
Examiner Signature		Date Considered	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to

<sup>1</sup>Unique citation designation number. <sup>2</sup>See anached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1\* if possible. <sup>4</sup> Applicant is to place a check mark here if English language Translation is attached.

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